

Effect of Electrolyte Additions on the Hardening of
Al₂O₃-Al₂O₃ by P. P. Kudakov, H. D. Isolitsa

RUSSIAN, per. Zhur Prikl Khim, Vol XXXII, No 6
pp 1101-1105.

78

Sci
Jul 66

12/138

Synthesis of Sodium Trisilicate in the Crystalline
State and a Study of its Properties, by P. P. Bod-
nikov and M. A. Matveev, 4 pp.

Full tr

RUSSIAN, three-no per, Dok Ak Nauk SSSR, Vol CVII,
No 4, p 547.

X

Consultants Bureau

44, 520

Sci - Chemistry
Dec 56 CIB

Cementing Properties of γ - $2\text{CaO} \cdot \text{SiO}_2$. P. P.
Budinikov and R. D. Azelitskaya, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 3, pp 515-516.

Consultants Bureau

Chen
Jan 57 CTS

43,140

Barium Oxide and Its Properties, by P. F.
Bulnikov, R. A. Belyayev, 19 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 9,
1950, pp 1921-1939.

CB

3-1

169,286

42 61

Expansion and Strength Losses in Hardening of
Cements, by P. P. Budnikov, I. V. Kravchenko,
8 pp.

RUSSIAN per, Zhur, Prik Khim, Vol XXXIII, No 11,
1960, pp ~~2399-2403~~

2399-2398

CB

Sci

169,427

Sep 61

Study of the Constitution Diagram $\text{CeO}_2\text{-Li}_2\text{O}$,
by P. P. Bodnikov, S. G. Tresvyatskiy.

RUSSIAN, thrice-a-week per, Dok Ak Nauk SSSR,
Vol XCIX, No 5, 1954, pp 761-763.

Coop Trans Scheme No 176
L1.12a. (4a.04.)

Sci - Chemistry

May 1956

33,775

11.12.54

VACUUMIZATION OF Ceramic Raw Materials, III.
Yield Stress and Inner Friction of Vacuumized
Clay, P. P. Budnikov, and I. A. Alperovich
12 pp.

Full translation.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVII, No 11
1954, pp 1194-1206. CIA C 41474

Consultants Bureau

Scientific - Chemistry
Apr 56 CTB/dex

32,956

Reaction of Lime and Portland Cement Hydration Products
With Rockwool Fibers, by P. P. Bodnikov, K. E. Goryainov
6 pp.

Full tr

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVIII, No 8,
1955, pp 817-821. CIA C 42517 35,752

Consultants Bureau

Scientific - Chemistry
Jun 56/dex

Heat of Reaction of Calcium Hydroxide
with Kaolin, Aluminum Hydroxide or
Silicic Acid, to Various Temperatures,
by P. P. Budnikov and L. G. Oulinova,
14 pp.

RUSSIAN, per, Kolloid Zhur, Vol III, No
3, 1977/37, pp 195-207.

SLA R-2200

Sci

Aug 56

72,168

Influence of ~~Phosphoric~~ Phosphoric Acid
upon Clays, by P. P. Budnik. M. I.
Nekrich and A. Kvitnitskiy, 9 p.

RUSSIAN, per, Zhur Prik Khim, Vol IX,
1936, pp 986-993.

SLA R-2243

Sci

Aug 58

72, 221

On the Chemistry of Hydrothermal Interaction
Between Clay and Lime, by P. P. Budnikov, M. I
Zhigeroich.

RUSSIAN, Doklady Ak Nauk SSSR, Vol XCVI, 1954,
pp 141, 142.

United Kingdom Scientific Mission

UKSM Ref T. 1483

SLA

Sci - Chemistry
Oct 57

54,459

Highly Refractory Chromo-Dolomite Concrete and Brick,
by P. P. Budnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LI, No 8, 1946,
p 615-617.

Brutcher Tr No 2225

16,719

Scientific - Chemistry

\$2.60

Refractory Materials in the Thermal Sublimation
of Phosphorus from Phosphorites, by P. P. Bud-
nikov, 7 pp.

UDC 661.7, per, Khim. Stroi, Vol VI, 1954, pp. 241-
247.

SLA R-2565

100

Aug 7

72,836

Extraction of Grog Brick by Carbon Monoxide, by
M. M. Melnikov, 2 pp.

RUSSIAN, per, Novosti Tekhniki, No 26, 1964, pp. 1.

SLA/R-2017

See

Apr 65

84, 965

Budnikov, P. P.
TECHNOLOGY OF CERAMICS AND REFRACTORIES.
1963, 760p
Order from Scripta Technica, Inc., 1000 Vermont
Ave., N. W., Washington, S. D. C.

Trans. of mono. [Tekhnologiya Keramika i Ogneuporov,
Moscow, 1962.

An unedited rough draft trans. of p. 374-396, 400-409,
421-429 is available from OTS \$2.25 as 63-11661,
FTD-TT-63-104, 19 Apr 63 [8ip].

DESCRIPTORS: *Ceramic materials, *Refractory
materials, *Construction materials industry, Glass,
Cermets, Oxides, Staining, Ceramic coatings,
Physical properties, Chemical properties, Mechanical
properties.

(Materials--Ceramics, TT, v. 10, no. 12)

63-22679

I. Budnikov, P. F.
II. Scripta Technica, Inc.,
Washington, D. C.

6

Office of Technical Services

Cryoclimatology of Glaciers and Melts, by
P. P. Rudakov, A. M. Chavpov, 17 pp.
RUSSIAN, per, Zhur Prikl Khim, Vol XLXVII, No 10,
1964, pp 2094-2097.
CIA/FBI X-5645

Sol - M/M
Mar 65
FOR OFFICIAL USE ONLY

246,4125

Structure - Molecular Sieves, by P. P. Bannister,
T. H. P. Morgan, 13 pp.

Publ. No. 7, 1963, pp 32-37.
1963

71D-77-63-970 •

Vol. - 1/12
Jan 64

248 664

Investigation of Gypsum of the Stalinogorsk
Gypsum Deposit, by P. P. Budnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 60, No 4,
1948, pp 635-636.

See Watford: Building Research Station.

— Building Research Library. Com No 462.

Sci Museum Lib No 50/3264 - London

Hydraulic Properties of Hydrothermally Treated Clay
and Lime Materials, by P. P. Budnikov,

RUSSIAN, ~~in~~ per, Dok.Akad.Nauk SSSR, Vol LXXIX, No 1,
1971, pp 109-112.

Insdoc T.829
Sci Tr Center

USSR

Scientific - ~~Engineering~~
Minerals/metals

Nov 55
CTB/DEX

28,258

Indian Nat Sci Documentation Ctr
Nat. Physical Lab of India
Hillside Rd.
New Delhi-12, India

Clarification of Phase Diagram of Alumina-Silica
System, by P. P. Budnikov et al.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol Xciii,
~~XXXXXXXX~~, No 2, 1953, pp 281-283.

See Ser...
Brutcher Tr 3219

4-1/2 M. 1333 (P.A.)
Scientific - Minerals/Metals
CTS/DEX Price \$2.80

929.

The Theory of Acceleration of the Production of
Siliceous Building Materials through the
Addition of Crystalhydrates, by P. P. Budnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV,
1952, pp 1021-1024.

INDOC-T1632

Sci
Aug 50

70,773

Expanding Portland Cement Without Formation
of Hydrosulfoaluminates, by P. P. Bodnikov and
Z. S. Kosyruva, 15 pp.

RUSSIAN, per, Tsement, Vol XVIII, No 4, 1952,
pp 11-15.

SLA R-1427

Sci

Aug 58

69, 781

The Greatest Constructions of the Stalin Epoch and the
Materials for Building Them, by P. P. Budnikov, 11 pp

Full translation.

RUSSIAN, per, Zhur Prik Khim, Vol XXIV, No 11,
Nov 1951, pp 1109-1121.

Consultants Bureau

USSR

Scientific - Engineering, constructions, materials

1039

Physical and Chemical Properties of Glazes
for High Voltage Porcelain, by V. P. Barzakovskiy,
B. K. Dubrovo, Ac. Sciences, 1953, 276 pp.,
reviewed by P. P. Budnikov, 3 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Prik Khim, Vol XXVII, No 5,
1954, pp 573-575, Encl to Report No IR-475-55,
AA, London. /CIA D 191881

18 Mar 1955.

AW 646380

Sulphoaluminate, a Positive Factor in Expanding
Cement, by P. P. Budnikov and Z. S. Kosulireva,
4 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol 61, No 4, 1948,
pp 681-4.
BRL Conn No 489

Sci Museum Lib No 51/0376 - London

Sci - Chemistry

Glares, by P. P. Budnikov, V. P. Barzakovsky,
3 pp.

RUSSIAN, per, Steklo i Keramika, Vol ^V~~III~~,
No 11, 1956, pp 31-.

Consultants Bureau

Sci - Chem, Engr

Jun 59

90,551

... ..
... ..
... ..
... .. 10 pp.

... .., per, Zhur Fiz Khim, Vol XXXIV, No 9.
... .. 2130-2133.

JPRS 7574

153,758

Objects From Russian Islands, by P. P. Rudakov,
A. S. Borodnitsky, 7 pp.
RUBIN, M., Tekhnologiya Kuznitsy i Ognepriemnykh,
Gosizdatizdat, 1942, pp 294-299. 949234

FTD-TT-44-512

Sci - Chem
Mar 64

25,073

Thermodynamics of the Modification of
Muscovite Induced by Heating, by
P. P. Budnikov, O. P. Chodlov-Petrosyan,

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol CXXXIV, No 3, 1960, pp 349-350.

XII M. 3068

Sci - Chem, Engr

186, 697

On the Composition and Stability of Calcium
Silicate Hydrates Under Conditions of Hydrothermal
Treatment at 700 ATM and 200°, by P. P. Budnikov,
S. M. Roynak, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 3,
1960, pp 591-594.

MIL M. 3260

Sol - Chem

191,929

Apr 60

New Method for Determining the Temperature of
Initial Sintering of Dielectrics in Power Forms,
by P. P. Budnikov, V. M. Burro, O. P. Mchedlov,
Petrosyan.

RUSSIAN, thrice-so per, Dokl Ak Nauk SSSR, Vol LXVII,
No 1, 1949, pp 113-115.

Bratcher Tr No 2427

Scientific - Minerals/Metals??

\$1.90

14,441

Influence of a Magnetic Field on the Solid-Phase
Reaction in the System Calcium Oxide-Silica, by
P. P. Budnikov, O. P. Mchedlov-Petrosyan and
Shou-Shakhbuzadzyan,

RUSSIAN, Dok Ak Nauk, USSR, Vol 79, No 2, 1950,
pp 285-6.
BRL Comm No 488.

Sci Museum Lib No 50/3754 - London

Sci

Hydraulic Cement Properties in Dehydrated Serpentinite
by P. P. Budnikov, O. P. Mchedlov-Petrosyan.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIII, No 3,
1950, pp 539, 540.

Brutcher Tr No 2699

Scientific - Chemistry

\$1.90

16,717

Beryllium Oxide Systems and Their Use
in Technology, by P. P. Budnikov,
R. A. Belyaev.

15
100

RUSSIAN, rpt, Sistemy Okisla Berilliya
i ikh Ispol'zovanie v Tekhnike.
Dept of Navy Tr 4624/ONI Tr 2157

P P Budnikov

Sci= M. Sci
May 66

299,721

Melting Point Curve of the System $\text{CaO} - \text{CaF}_2$,
by P. P. Rudnikov, S. G. Tresvyatskiy, 5 pp.

RUSSIAN, thrice-a-month, Dok Ak Nauk SSSR,
Vol LXXIX, No 3, 1953, pp 479-482.

Sci Mus Lib No 54/1271

Scientific - Chemistry

Jun 54 CTS

15,110

Ultimate Shearing Stress and Internal Friction
in De-aired Clay, by P. P. Budnikov,
I. A. Alperovich, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVIII, No 1, 1954, pp 115-118.

26,759

111 10107
Sci Mx Lib No 55/1318

Scientific - Physics

Sep 55 CTS

Graphographic Method for Determining the
 Element, by P. P. Budnikov, S. M. Shutenkov,
 P. D. Azelitskaya, 15 pp

ISSN, per, Tsvetno, Vol XLIV, No 1, 1961,
 pp 17-18.

SIA 60-1929

Dept of Int. Sec.

TC 828

601

Apr 61

A 358

OTS, Vol III, No 12

No 350

16 328

The Effect of Calcium Sulphate on the
Formation of Portland Cement Clinker,
by P. P. Dudnikov and J. P. Kuznetsova.
RUSSIAN, per, Moscow. Soobshch. Gos. Vses.
N. I. Inst. Tekh. Prom. Moskm. Soobshch.
1961, No 12, pp 1-7.
BLL 5166 1963 (1192) (On Loan)

P. P. Dudnikov

Aug 65

286,940

Gehlenite and Its Part in the Hardening of High-Alumina Cement, by P. P. ~~Smirnov~~ Budnikov, A. V. Cherkasova, 5 pp.

RUSSIAN, thrice-so per, Dok Ak Nauk SSSR, Vol I CII, No 4, 1955, pp 793-795.

Sci Mus Lib No 56/3144

44, 026

Sci - Chemistry

The Influence of Temperature Conditions on the
Stability of Calcium Sulfatoaluminate and Sulfato-
ferrite, by P. P. Budnikov, V. S. Gorshkov, 6 pp.

RUSSIAN, per, 1 Dok Ak Nauk SSSR, Vol CXXVI, No 2,
pp 337-340.

CB

DSIR LLX M.1292
(loan)

Sci

Aug 60

126,418

Study of the System $Al_2O_3-SiO_2-ZrO_2$, by P. P.
Bodnikov, and A. A. ~~XXXXX~~ Litvakovsky, 4 pp.

Full tr

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVI,
No 2, 1956, p 267.

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

41, 489

The Refractories Problem in Connection With the Use of
Oxygen in the Steel Industry, by I. I. Kitaigorodskii,
P. P. Budnikov.

Full translation.

RUSSIAN, per, Kislород, Vol III, No 2-3, 1946, pp 29-31

Brutcher Tr No 2091

USSR

Scientific - Refractories, oxygen, steel, industry

i
The Formation of Colloidal Gypsum and the Con-
ditions of Crystallization; by P. P. Budnykov
and D. P. Bobrovnyk.

RUSSIAN, Kolloid Zhur, Vol 4 (6-8), 1938, pp 483-55.
REL Comm No 447

Sci Museum Lib No 50/3753 - London

IN LLU (Comm) M 265 } A 113

Sci

The Behaviour of Sulphated High-Alumina Cement Exposed to
Chemical Agents: by P. P. Budnikov, I. G. Goldeberg.

RUSSIAN, per, Zhur Prik Khim, Vol XX, No 11, 1947,

4411.15-1159.

Sci Mus Lib 50/1013

Scientific - Chemistry

16,718

Some Problems of the Theory of the Formation of
Porcelain Body, by P. P. Budnikov, Kh. O.
Gevorkyan. 9 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXIV, No 2, Feb
1951.

Consultants Bureau Tr

16, 716

Scientific - Chemistry

The State of Dispersion of Plastic Clays, by
I. A. Alperovich, P. P. Budnikov, 34 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI,
No 3, Jul-Dec 1957, p 463.

Consultants Bureau

Sci - Chem

Aug 48

5

69,334

Some Properties of Vacuum Treated Clay, by P. P.
Budinikov and I. A. Perovich, 13 pp.

Full translation

RUSSIAN, no per, Zhur Prikl Khim, Vol XXV, No 3,
Mar 1952, pp 244-256.

Consultants Bureau

Ec1 - Chem

Dec 53 CTS

7481

... of the Heat Conductivity and
Temperature Conductivity of Vacuum Clays, by
I. A. Alperovich, 10 pp.

with translation.

... Zhur Prikl Khim, Vol XXV, No 6,
1952, pp 512-551.

Consultants Bureau

Doc 52 075/151

tion of Slag Portland Cements, and the
ability of Their Use in Hydrotechnical
struction Work, by P. P. Budnikov, K. G.
ut, 10 pp. UNCLASSIFIED

USSIAN, per, Zhur Prik Khim, Vol XXVI, No 3,
r 1953, pp 237-250.

Consultants Bureau tr

Study of Conditions for Forming Clay-Line
Construction Materials, by P. P. Budnikov,
S. I. Khvostenkov, 6 pp.

RUSSIAN, per, Zhur Prik Khim, No 5, May 1953,
pp 457-463.

Consultants Bureau

55

Effect of the Composition of Vitreous-Phase
Steatite Upon Some of Its Properties, by V. G.
Avetikov, P. P. Badnikov, E. I. Zinko, 7 pp.

RUSSIAN, no per Zhur Prik Khim, Vol XXVIII, No 7,
1955, pp 673-687. CIA C 40838

0

Consultants Bureau

Sci - Chemistry
Mar 56 CTB/dax

31,546

Study of the Sulfate Stability of Portland Cements
With Various Tricalcium Aluminate Contents, by
P. P. Budnikov, O. I. Gracheva, 10 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVIII, No 11,
Nov 1955, pp 1145-1155. CIA C 43056

Consultants Bureau

Sci - Chemistry

36,893

Aug 1956

Conference on the Use of Vibratory Grinding in the
Constructional Materials Industry, by P. P. Budni-
lov, O. P. Mchedlov-Petrosyan, 4 pp.

RUSSIAN, no per, Zhur Prii Khim, Vol XXIX, No 5,
May 1956, pp 645-650.

CONSULTANTS BUREAU

Sci - Chem
Feb 57 CTS

44,227

On the Problem of Sintering Beryllium
Article by P. V. Budnikov, A. A. Zvyagil'skiy,
15 pp.

RUSSIAN, Per, Omsugort, Vol XXVI,
1961, pp 525-530. 9069019

AEC R UCTM Tr-863(L)

Sci - Chem
Dec 62

2.7 + 9

A New Glaze for Porcelain, by P. P. Budnikov, Yu.
G. Shteinberg, 4 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXIX, No 9,
Sep 1956, pp 1305-1308.

Consultants Bureau

Sci - Chem
Sep 57

52,594

Methods of High-Temperature Thermal
Analysis, by P. P. Budnikov, S. G.
Tresvyatskiy.

RUSSIAN, per, Fireproof Mat, Vol XX, No 4,
1955, pp 166-173.

D.S.I.R./27923/CT

Sci - Physics
May 57 CTS/dex

48,058

Influence of Small Quantities of Certain Additives
on the Cementing Properties of γ -Dicalcium (γ -D.C.),
by P. P. Budnikov, R. D. Azelitskaya, 2 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXI, No 1, 1957,
pp 162-163.

Consultants Bureau

Sci - Chem

Jun 58

65,248

Book Review of M. A. Matveev and K. M. Tkachenko's
"The Water Resistance of Structural Materials Made
From Gypsum and Its Improvement," by P. P. Budnikov,
2 pp.

Full translation.

RUSSIAN, per, Zhur Prikl Khim, Vol XXIV, No 12,
Dec 1951, p 1325.

Consultants Bureau

USSR

Scientific - Chemistry, gypsum, water, materials

1955

Forsterite Refractories and Their Use in
Various Branches of Industry (Including
Steelworks), by P. P. Budnikov, B. N.
Bogomolov.

RUSSIAN, per, Zhur Vses Khim Obshch imeni
D. I. Mendeleeva, Vol XV, No 2, 1960,
p 140.

ECRA 492

148,847

Sci - Chem

Yu. M. Gutt, T. M. Berkovich. Binding Sub-
stances Containing Surface-Active Additives,
Reviewed by P. P. Budnikov, 2 pp.

Full translation.

RUSSIAN, no psr, Zhur Prik Khim, Vol XXVII,
No 6, 1954, pp 689-690. CIA C 39522

Consultants Bureau

Scientific - Chemistry
No. 51 CTS/DLX

28,334

Book Review of G. V. Kukolev's "Chemistry of
Silica and Physical Chemistry of Silicates, by
P. P. Budnikov, 2 pp.

Full translation.

RUSSIAN, per, Zhur Prikl Khim, Vol XXIV, No 12,
Dec 1971, pp 1324-1325.

Consultants Bureau

USSR

Scientific - Chemistry, silica, silicates 1931

V. N. Yung, Yu. M. Butt, V. F. Zhuravlev, S. A. Okorekov. Technology of Binding Materials. Under the General Editorship of Prof V. N. Yung, Reviewed by P. P. Ryba Badnikov, 3 pp.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 6, 1954, p 691. CIA C 39522

Consultants Bureau

Scientific - Chemistry
Nov 55 CTS/DEX

28,413

Collected papers on Chemistry and Technology of
Silicones, by P. P. Budnikov, Ya. M. Pott. UNCL

RUSSIAN, bk, 1957.

Suggested for translation --
NSIR LHM -- no other info

Feb 60

BUDNIKOV, P. P.

"Chrono-tolemite High Refractory Concrete and Brick" -
CR LI, No 3, 46, 615

"Results of a Many-year Test of Clinkerless Slag
Cement in Building of Reinforced Concrete" -
CR LI, No 2, 46, 695

"Setting Time and Strength of a Semi-hydrated Gypsum
as Affected by Addition of Sherech" - CR LII, No 4,
46, 325

"Corrosion of Clinkerless Slag Cement by Mineralized
Waters" - CR LIII, No 1, 46, 51

over

Expansion of Chasov-Yarskiy Firebrick at Elevated
Temperatures, by P. P. Gudnikov, 6 pp.
RUSSIAN, per, Dostizheniya Metallurgii v SSSR i
Zaeranitsey, No 12, 1931, pp 11-14.
FFD-MF-24-1590-71

Aug 72

Discovery of Bentonite in the Kuzbas, by V. I.
Vashnikov, Yu. P. Kazensky, A. I. Loshchin, 2 pp.

USSR, per, Dok Ak Nauk SSSR, Vol CYXXXI, No 10,
1960, pp 1417-1419.

AGI

63-12496

Budnikov, V. I.
THE RATIO OF SOLUBLE IRON TO ORGANIC MATTER
IN ROCKS AS AN INDICATOR OF SEDIMENTATION
CORRELATION. 1952, pp
Order from AT: 50000

ATIS-000658

I. Budnikov, V. I.
II. ATIS-000658
III. Associated Technical
Services, Inc., West
Orange, N. J.

Trans. of Geol. Inst. Geotekhnika (USSR) 1952, no. 6,
p. 17-18.

1952-07-10. Sedimentary rock, Rock (Geology).
* Arden compounds. Organic compounds. *Iron. Peritox.

1227978

Trans. of Geol. Inst. Geotekhnika, II, v. 9, no. 9.

Office of Technical Services

A New System of Cotton Spinning, by V. I. Bainikov,
V. V. Sholevskiy, 7 pp.

RUSSIAN, per, In Vysshish: Ucheb Zaved, Tekh Tekstil
Prom, ~~XXXXXXXXXXXXXXXXXXXX~~ No 5 (18), 1966.

Textile Institute

Sci
24 Jul 68

200,000

2

Theory of Motion of the Planet Pluto.
Part II: Plutonian Perturbations of
the Second Order with Respect to Perturbing Masses. Part III: Recalculation of First-Order Plutonian Perturbations with Respect to Perturbing Masses. Part IV: New Elements of Pluto, by Dr. G. Sharaf, N. A. Audaliova.
RUSSIAN, per, Trudy Inst Teoreticheskoy Astronomiy, Vol 10, 1964, pp 1-175.
NAS/NASA/TI P-491 69

Sci-Astron
Feb 69

375,362

Budnikov, Peter Petrovich.
INVESTIGATIONS BY SOVIET RESEARCH WORKERS
IN THE FIELDS OF PHYSICAL CHEMISTRY AND
CERAMIC TECHNOLOGY. [1962] 15p. 7 refs.
Order from SLA \$1.60 62-18624

Trans. of Silikat Technik (East Germany) 1957, v. 8,
no. 11, p. 470-473.

DESCRIPTORS: *Scientific research, *Physical chemis-
try, *Ceramic materials.

62-18624

I. Budnikov, P. P.

Oxidative Conversions of Lipids in Irradiated
Plant Leaves. by E. V. Buchinskaya, I. G.
Borisova, 6 pp.

RUSSIAN, per, Biokhimiya, Vol XXVI, No 1,
1961, pp 142-147.

CB

168,408

Sci
Sep 61

About the Possibility of the Application of
Color Reaction on Carotinoids in Plant Tissues,
by E. V. Budnitskaya, K. E. Ovcharov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIV,
1950, pp 779, 780.

AEC UCRL-Trans-108

Sci - Phys
Apr 60

112,964

Enzymatic Oxidation of Plant Lipids Under the
Action of Ionizing Radiation, by E. V. Dmitriyev
I. G. Borisova, 3 pp.

RUSSIAN, Ser, Dok Ak Nauk SSSR, Vol 200, No 1,
1979, pp 195-197.

Amer Inst of Bio Sci

101

105/23

101

The Change in Lipid Metabolism in Plants Under
the Influence of Ionizing Radiation, by E. V.
Budnitskaya, I. G. Borisova, A. G. Pasynskiy,
7 pp.

RUSSIAN, per, Biokhim, Vol XXIII, No 6, 1958,
pp 849-855.

Consultants Bureau

Sci - Biol, Chem
Jul 59

91,283

The Action of Ionizing Radiation on Lipoxidase
Activity in Various Types of Germinating Plants
by E. V. Rudnitskaya, I. G. Borisova, A. G. Pasynaski
4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1956,
pp 140-355

Amer Inst of Biol Sci

Sci - Biology, Chem

Feb 59

80,756

About the Possibility of the Application of Color
Reaction on Carotinoids in Plant Tissues, by
E. V. Rudnitskaya, and K. E. Ovcharov

Full translation.

RUSSIAN, per, Dok Akad Nauk SSSR, 1950.

AEC Tr 1216

Scientific - Biology

Substrate Changes in Lipid Metabolism and Peroxidase
activity Under the Influence of Ionizing Irradiation.
by S. V. Gedditkaya, I. G. Borisova, A. G. Tsainiky,

RUSSIAN, D-r. Biokhimiya, Vol XII, No 6, 1956
pp 200-202

Consultants Bureau

Doc. No.

Ref. No.

61-1000

Production of Vitamin B₁₂ From Propionic
Acid Bacteria, by V. I. Gonscharova, Z. N.
Belova, P. Z. Budnitskaya, S. M. Mushkatlat,
D. P. Pyatykhina, 3 pp.

RUSSIAN, per, Mikrobiol. Vol XXVII, No 2, 1958,
pp 226-228.

Amer Inst of Biol Sci

Sci - Biology

80, 075

Jan 59

3

Experiments Illustrating of New Industrial Processes,
by I. B. Kuznetsov, 15 pp.
Kuznetsov, Gen. Voprosy Khim., No 11, 1964,
pp 48-55.
2725 24749

USAR
Bonn
Jan 64

2725,2726

23

The Effect of Radiation on the DNA and RNA
Metabolism in Cells of a Human Malignant Tumor,
by Ye. V. Radtsigova, M. Brundage, et al, 8 pp.
RUSSIAN, Jor, Voprosy Medits Khim, Vol X,
No 2, 1964, pp 177-184.
JPRS 32223

Sol - Med
Jul 64

243,842

11 819

US-4 US-5 US-9

RUDNOV N. N., KRASNOVSKII A. A., UMRIKHINA A. V.,
TSLAPALOV V. R., SHLYAPINTOKH V. Ya.

Electron paramagnetic resonance spectra observed when
leaves of plants are illuminated, and the photo-reduction
reactions of chlorophyll and its analogues

• Biofizika, 5, 121-126 (1960)

trans-569 \$ 3.30 (pb), \$ 2.49 (mf) US-4 US-5 -

Electron Paramagnetic Resonance Spectra Observed
When Leaves of Plants Are Illuminated, and the
Photoreduction Reactions of Chlorophyll and Its
Analogues, by H. E. Babinov, A. A. Krasnovskiy,
A. V. Usnichina, V. R. Tsypalov, V. Ya.
Shlyapintokh, 19 pp.

RUSSIAN, per, Biofizika, Vol 7, 1960, pp 121-126

ABC UCRL-Trans-560

S:1 - Phys
9 Jan 61

135,540

(NY-5296)

New Freight Rates of the Polish Railroad and
Grain Turnover, by Antoni Budny, 4 pp.

POLISH, per, Przegląd Zbozowo-Młynarski, No 7,
1961, p 218.

JPRS 7732

EEur - Poland

Seen

141, 112

Feb 61

THE ACTION OF A TELESCOPE MOUNTED ON A
ROTATING PLATFORM WITH ITS ROTATION
PRECISELY SET ON THE SHAFT, BY I. M.
JUDITSKIY, YA. L. LUNTS, 12 PP.

RUSSIAN, PER, 12 VYSSHIY UCHEL ZAVED, PART,
VOL IV, NO 5, 1951, PP 7-13. 121443

FTD-TT-62-030

OUT-CLASS

10 JUL 52

202,2

Influence of the Molecule Form on Dielectric
Relaxation, by A. Budo.

OKRMAH, per, Phys Z., Vol XL, 1939, pp 337-345.

IBSDOC-T1368

Sci

Aug 58

71,180

(DC-5100)

On Rehabilitation, by Veli Budo, 12 pp.

ALBANIAN, per, Drejtoria Popullore, No 1,
Jan/Feb 1960, pp 8-18.

JPRS 8128

EEur - Albania

Soc

Apr 61

149,883